

# NATIONAL SOLAR OBSERVATORY

## Daily Sunspot Data From Automated Analysis

USAF OSPaN 630.315nm image

CLOUDS: Ukn

CONDITION: Good

OBSERVER: *TWH*

Irradiance reduction due to sunspot  
blocking = 0.0033% at 630.315nm

**17 Oct 03**  
**15:00:26 UT**

GROUPS: 4

SPOTS: 6

R-NUMBER: 46

TOTAL SPOT AREA: 61  $\mu$

THRESHHOLD: 0.92

